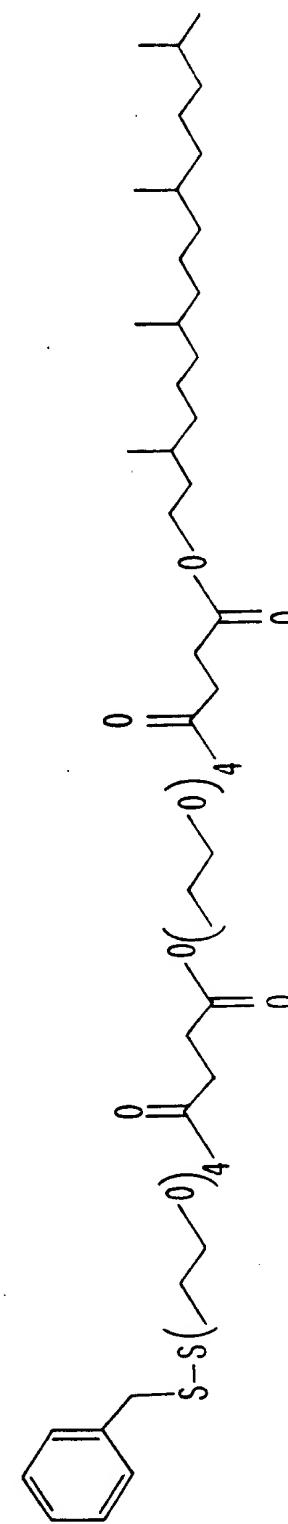


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN	435	4

5879878

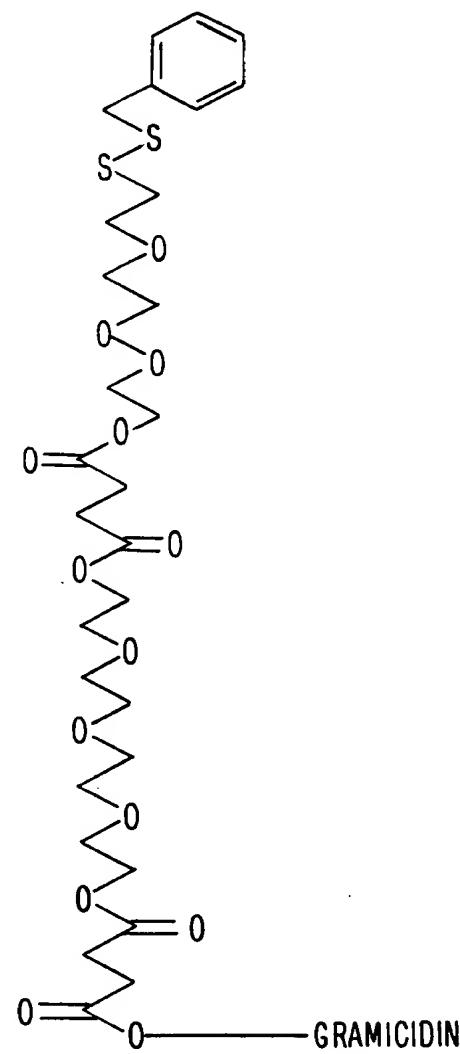
1 / 19

F/G.



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

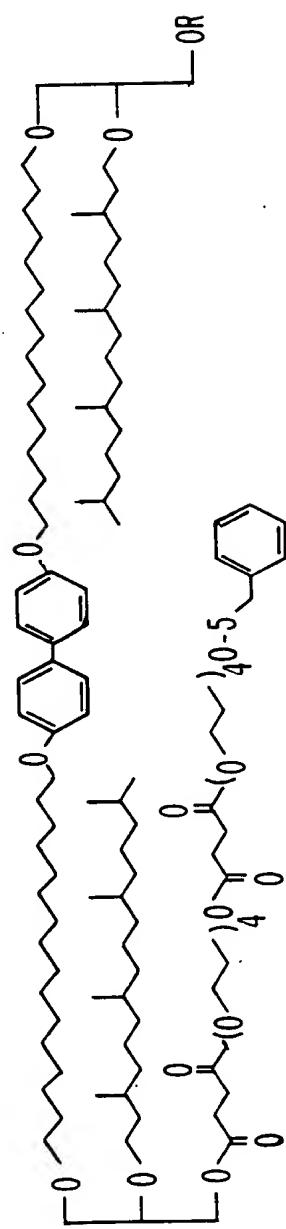
2/15



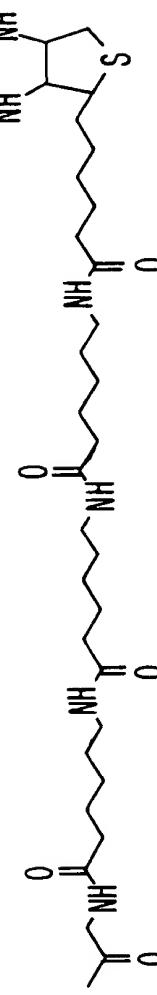
LINKER GRAMICIDIN B

FIG. 2

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MEMBRANE SPANNING | IPID 0

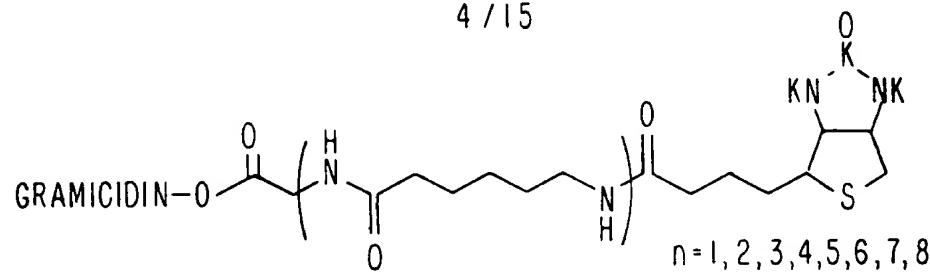


MEMBRANE SPANNING LIPID C

E/G. 3

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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BIOTINYLATED GRAMICIDIN E

FIG. 4

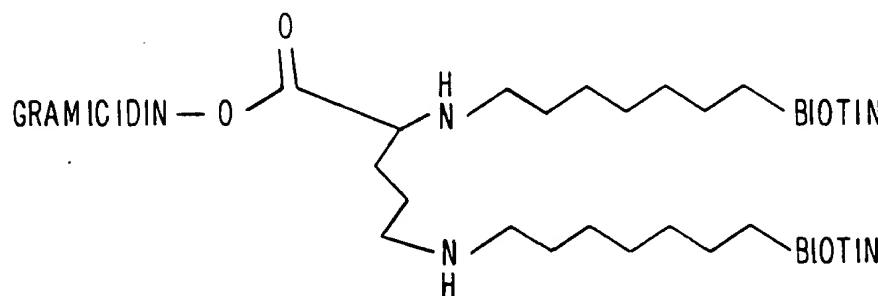


FIG. 5

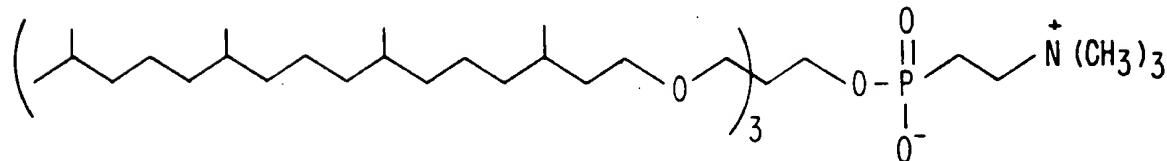


FIG. 6

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 7B

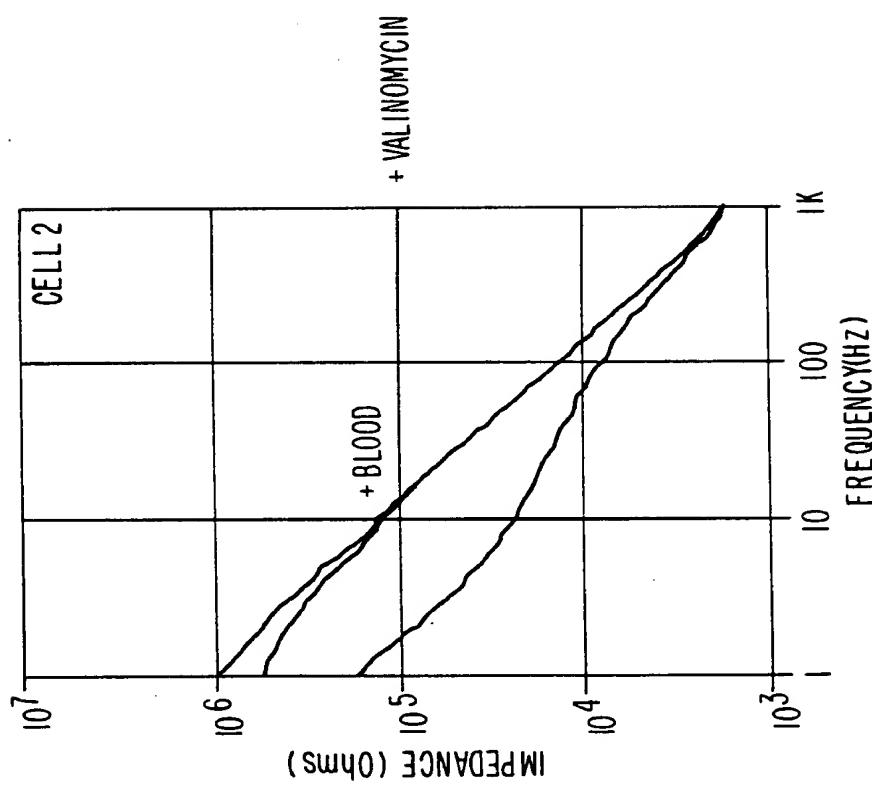
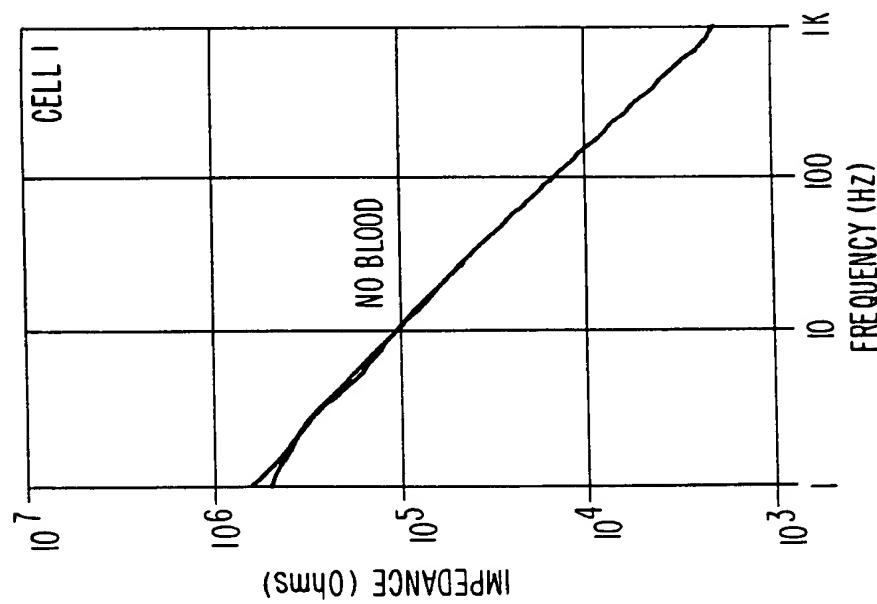


FIG. 7A



APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS SUBCLASS

FIG. 7D

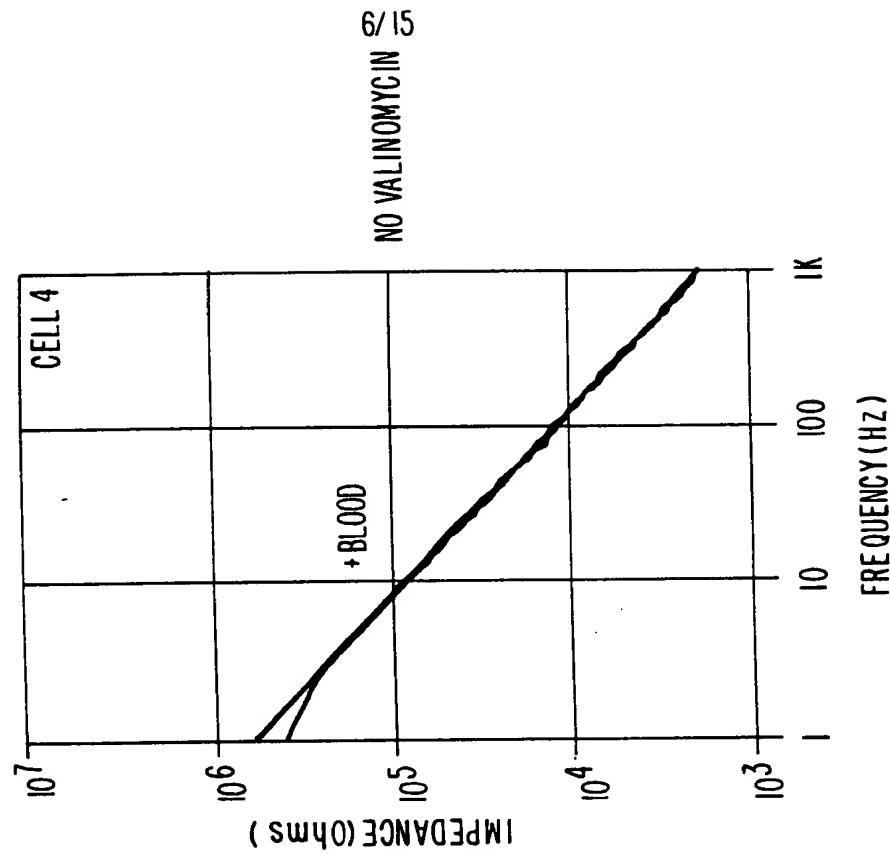
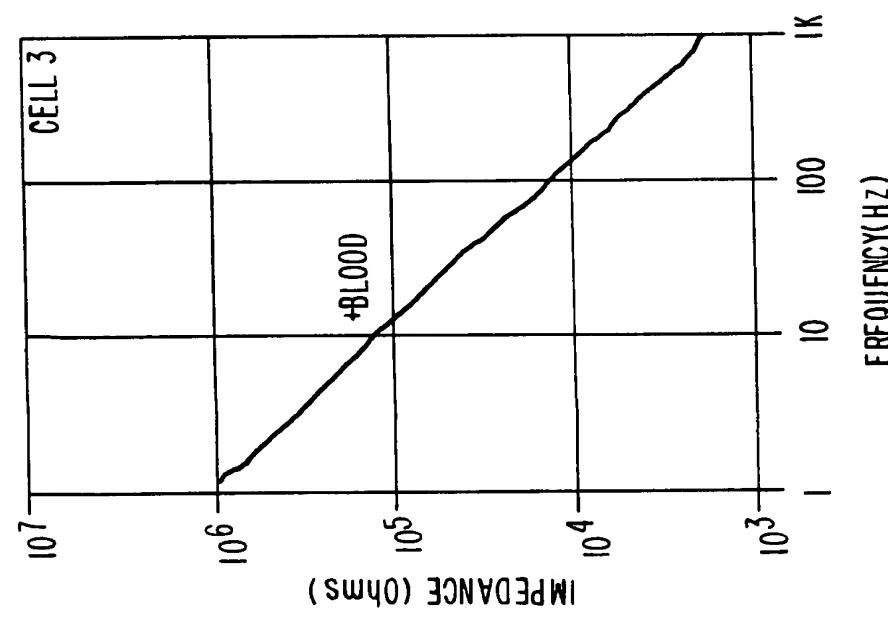


FIG. 7C

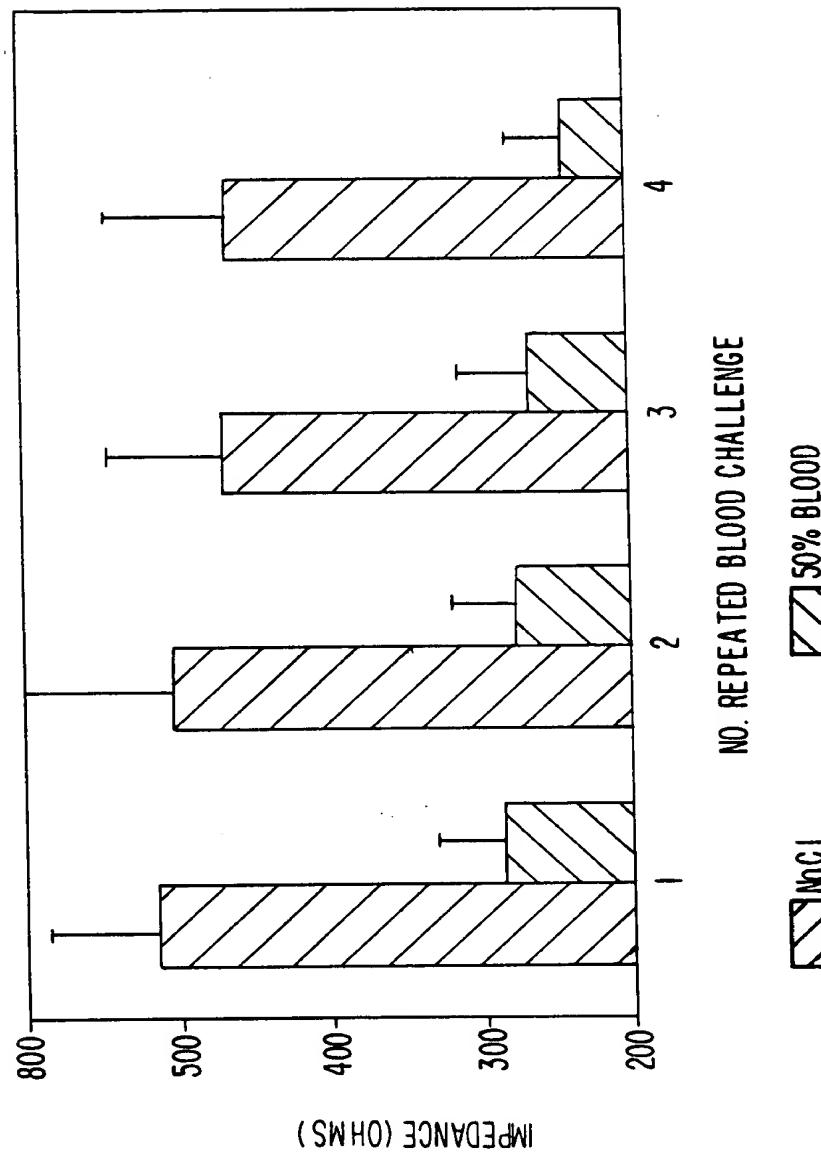


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 8

REPEATED CHALLENGE WITH BLOOD:
ALL MONOLAYERS, PBS WASH, + mM VAL

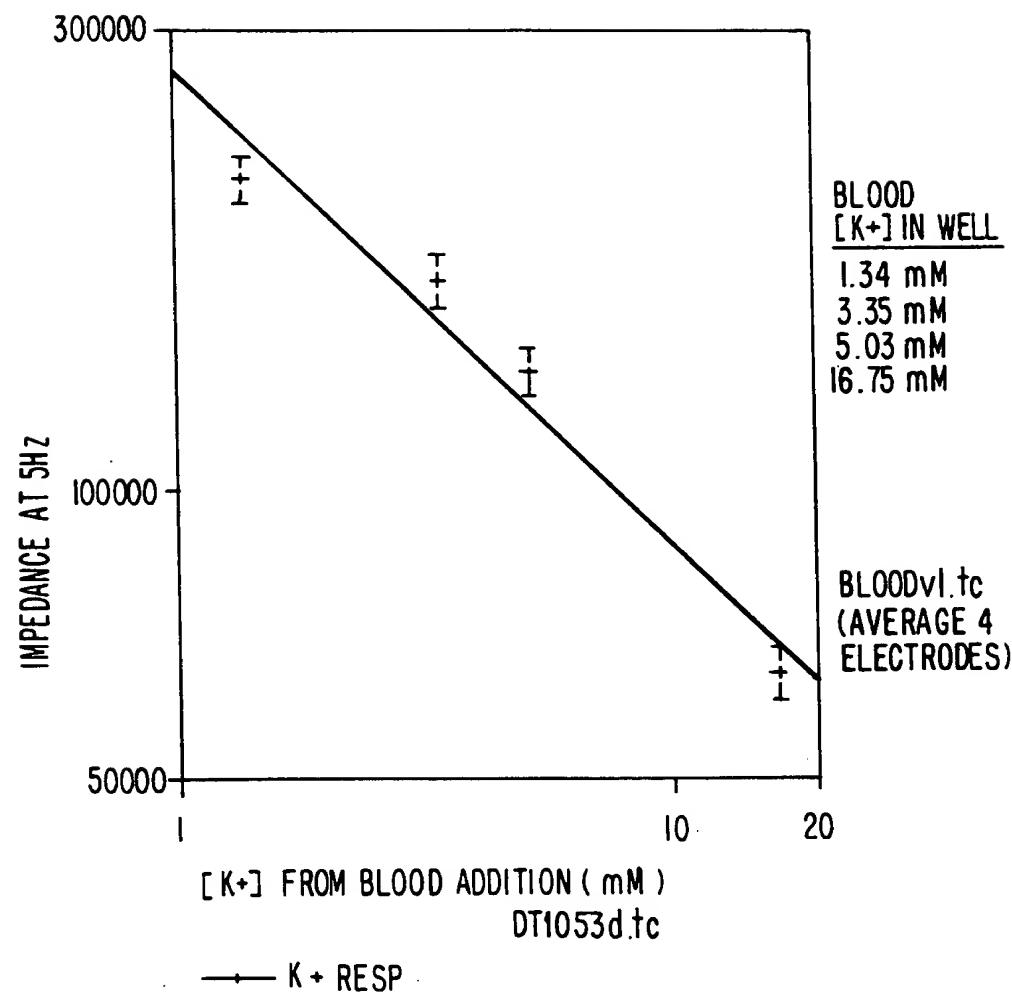


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 9

BLOOD-VOLUME TITRATION



APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS SUBCLASS

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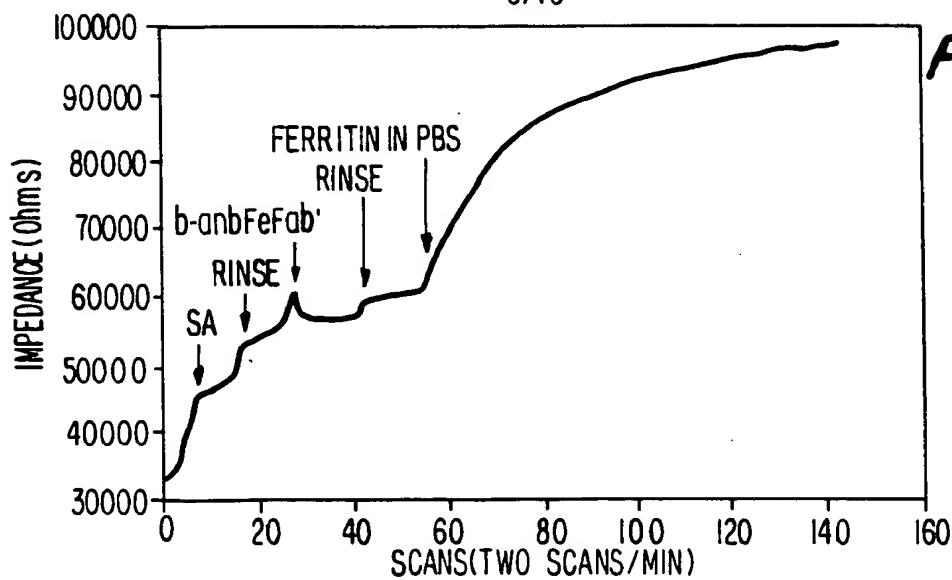


FIG. 10A

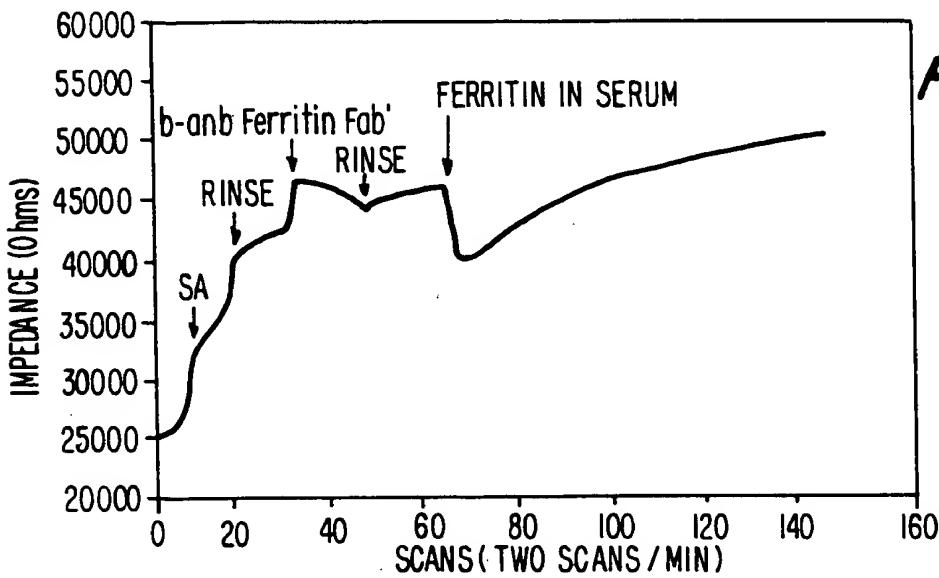


FIG. 10B

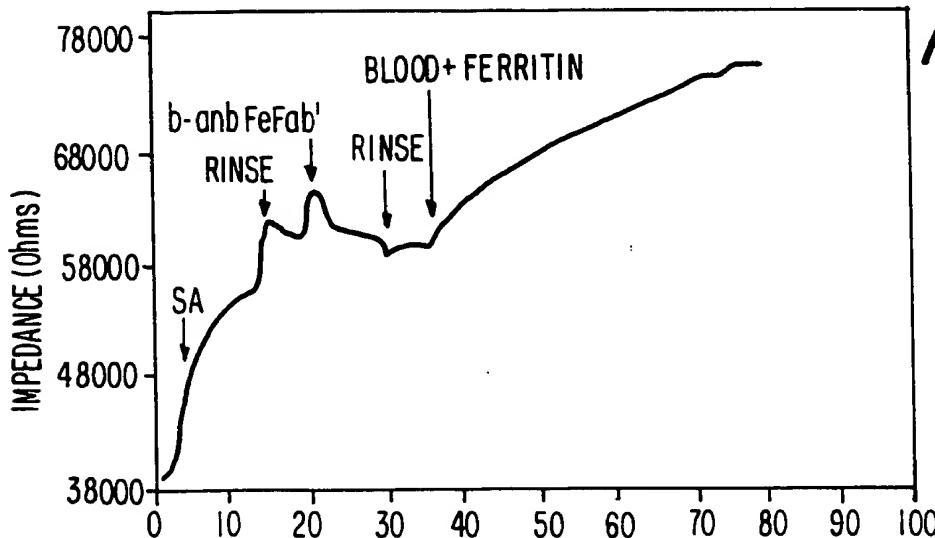
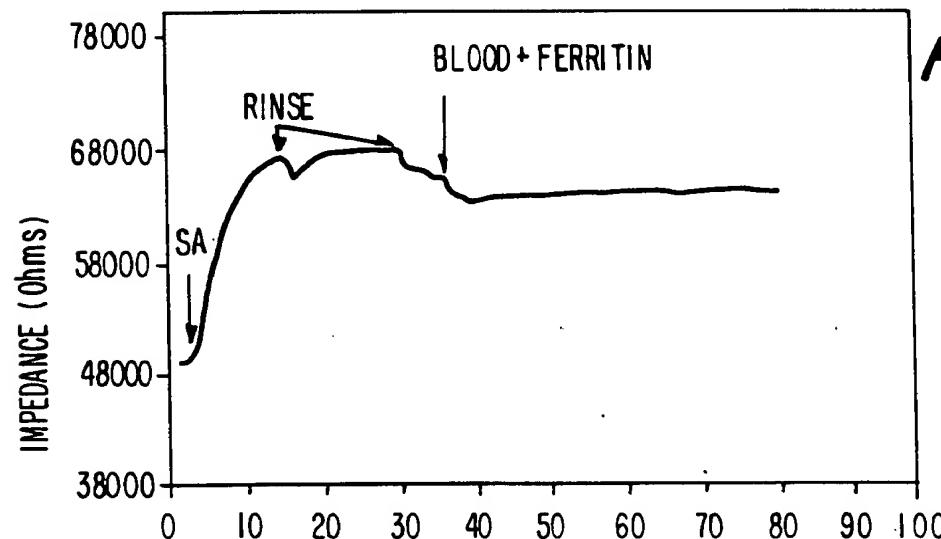
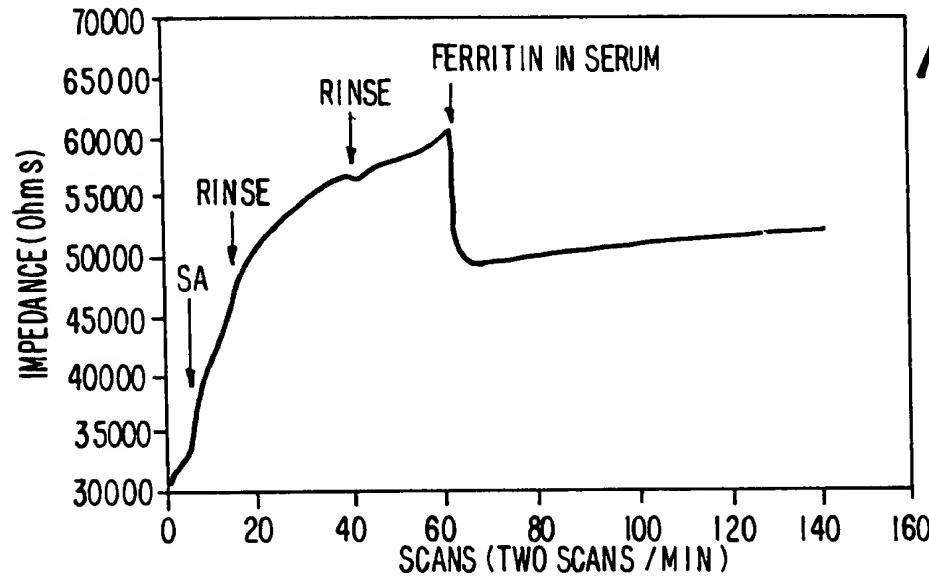
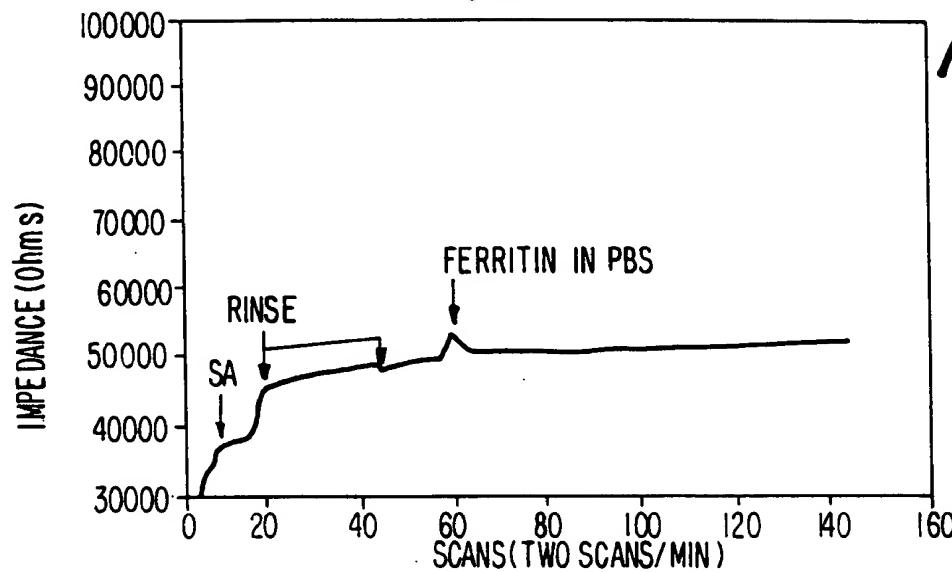


FIG. 10C

APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS SUBCLASS

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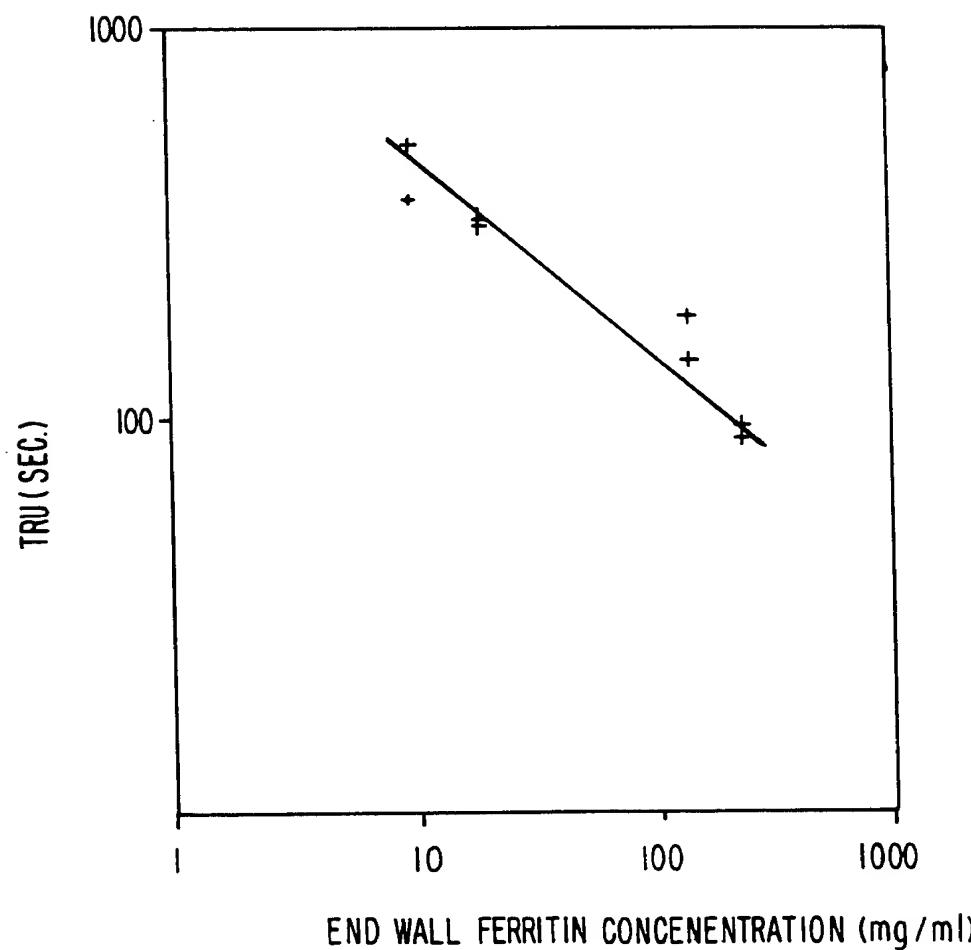


APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS SUBCLASS

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FIG. 11

ENDOGENOUS SERUM FERRITIN DETECTION
FROM 4 DIFFERENT VOLUNTEERS

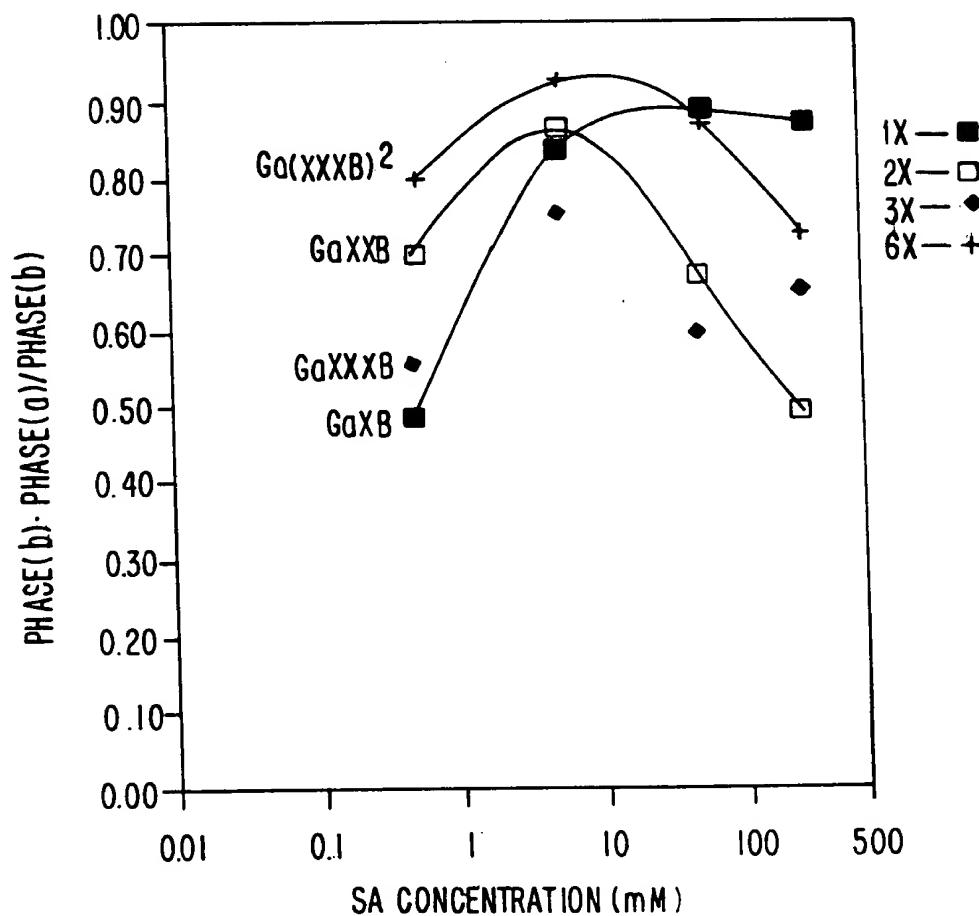


APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

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FIG. 12

SA TITRATION WITH VARIOUS GaX_nB



METHOD: 5/4 MEMBRANES

1st LAYERS: 10 mM GMPE

1 mM DLP

10 μM MSLXXB

0.8 mM MAAD

0.1 μM GAYYSS

2nd LAYERS: 28 mM GMPE

0.28 μM GaX_nB CHOSEN FROM THE FOLLOWING:

GaXB

GaXXB

GaXXXB

$\text{Ga}(XXXB)^2$

APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS SUBCLASS

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EXAMPLE OF T_4 ASSAY WITH AMBR BIOSENSOR

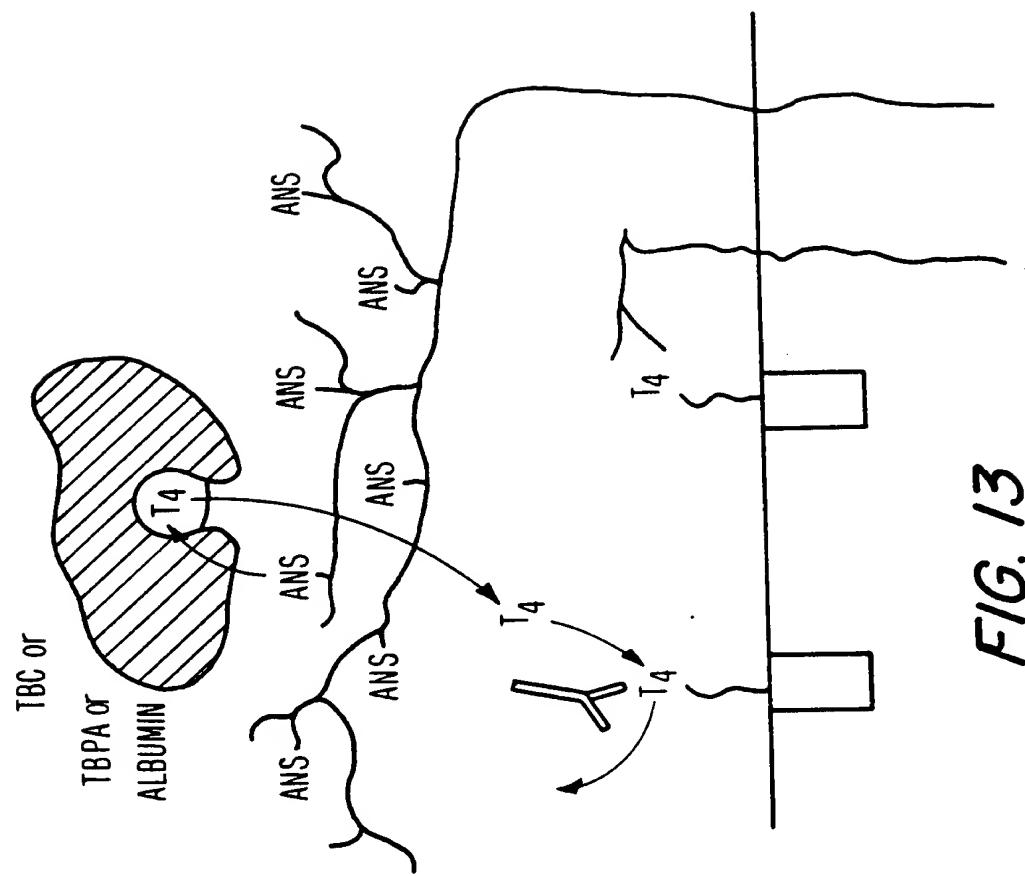
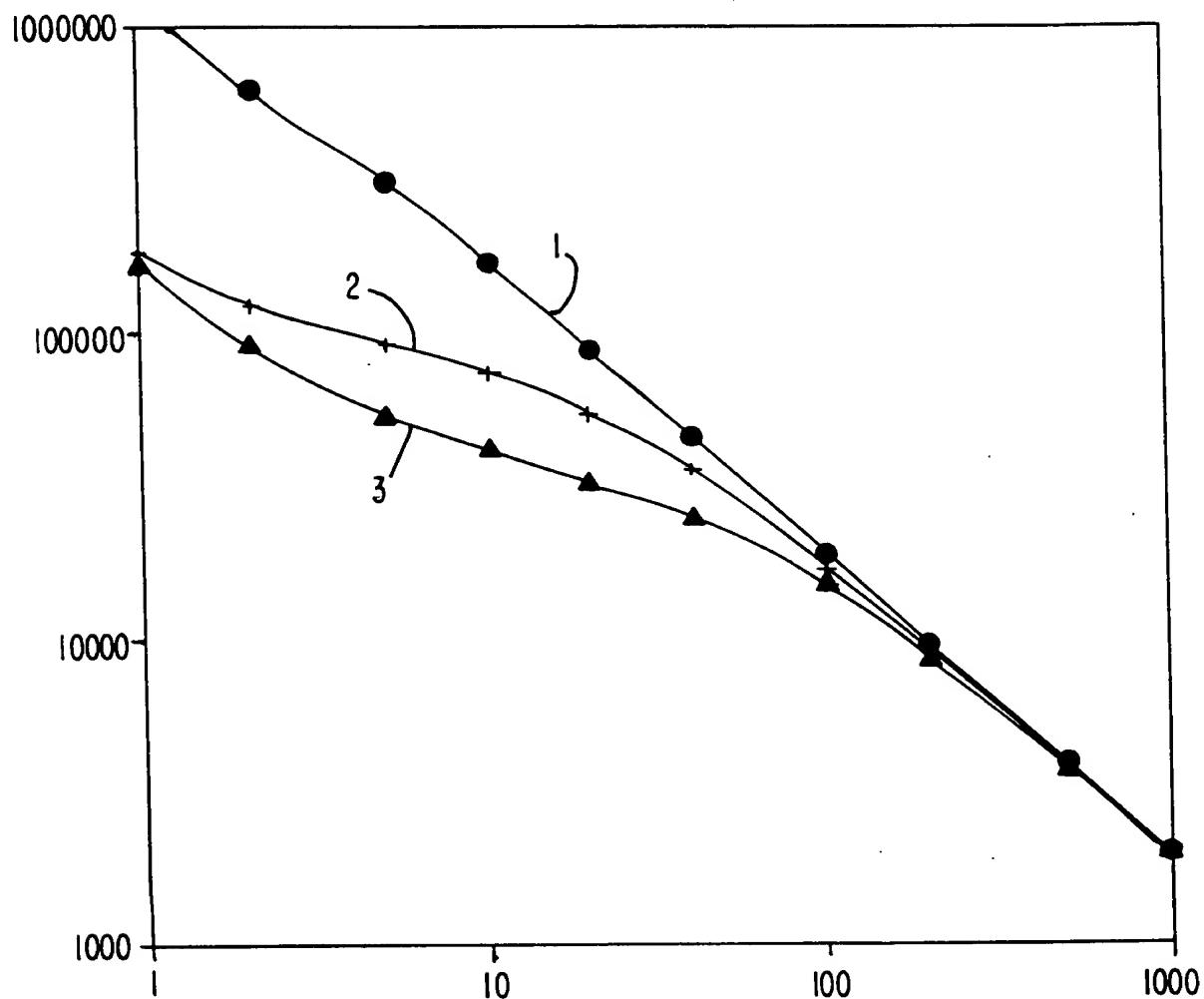


FIG. 13

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 14

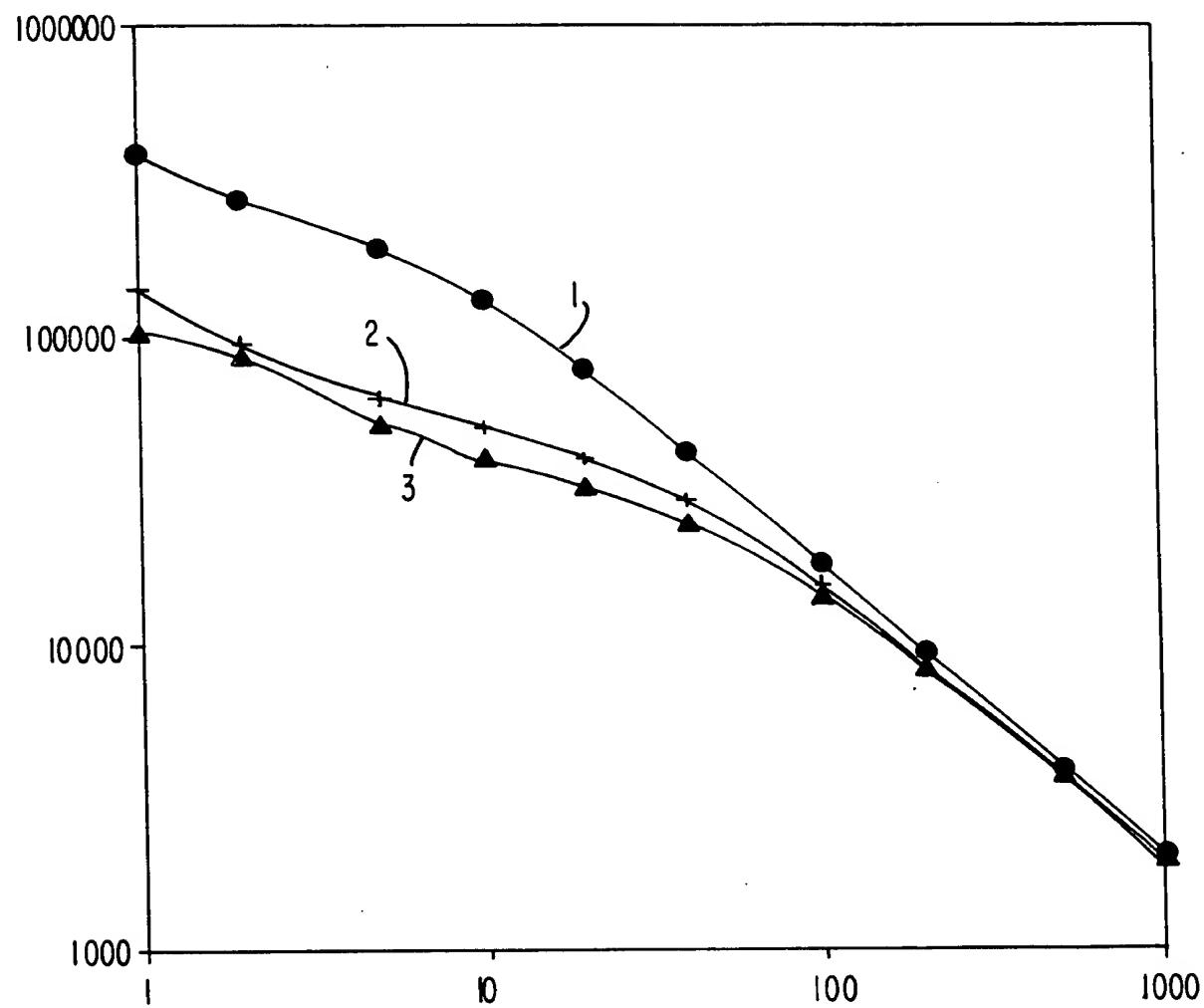


- (1) BEFORE THE ADDITION OF GRAMICIDIN/SDS
- (2) AFTER THE ADDITION OF GRAMICIDIN/SDS, STREPTAVIDIN AND BIOTINYLATED FAB'
- (3) AFTER THE ADDITION OF FERRITIN

APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS SUBCLASS

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FIG. 15



- (1) BEFORE ADDITION OF GRAMICIDIN / STREPTAVIDIN
- (2) AFTER ADDITION OF GRAMICIDIN/STREPTAVIDIN AND BIOTINYLATED FAB'S
- (3) AFTER ADDITION OF TSH